UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER
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ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	10/024,282	RASANEN ET AL.
	Examiner	Art Unit
	Stephen J. Cherry	2863

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on _10 December 2004 and 04 February 2005_.

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) _1-168_ is/are pending in the application.

    4a) Of the above claim(s) _44,57-64,108,121-128,155 and 168_ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) _1-43,45-56,65-107,109-120,129-139,141-143,145,149-154 and 156-167_ is/are rejected.

7) ☒ Claim(s) _140, 144, 146-148_ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some *   c) ☐ None of:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____.

        3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

Applicant's election with traverse of invention I in the reply filed on 4-26-2004 is

acknowledged. The traversal is on the ground(s) that the claims are properly presented

in the same application, undue searching should not be required and all claims should

be examined together. This is not found persuasive because Invention I, classified in

702/150, and Invention II, classified in class 705/1 are in different classifications. Thus,

undue searching by the examiner is required.

The requirement is still deemed proper and is therefore made FINAL.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly
claiming the subject matter which the applicant regards as his invention.

Claims 4, 68 and 132 are rejected under 35 U.S.C. 112, second paragraph, as

being indefinite for failing to particularly point out and distinctly claim the subject matter

which applicant regards as the invention. Claim 4 recites the trade name "Bluetooth", it

is not clear how this phrase limits the scope of the claim.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-2, 5-13, 17-20, 25, 35-43, 45-56, 65-66, 69-77, 81-84, 89, 99-107, 109-

120, 129-130, 133-139, 141-143, 145, 149-154, and 156-167 are rejected under 35

U.S.C. 102(b) as being anticipated by U.S. Patent 5,933,100 to Golding.

Claim 1 recites, as disclosed by Golding:

1.   A method for computing a result for a location, the result

depending on how novel it is for a wireless device to occupy the location,

comprising:

determining the location of a wireless device (100, col. 4, line 40,

and 10);   o

computing a novelty index value for the location, the novelty index

value

characterizing how novel it is for the wireless device to

occupy the

determined location (100, col. 4, line 62, and 11);

storing the novelty index value in a database (100, col. 5, line 5);

running a program to determine a result that depends on the

novelty index value (100, col. 6, line 28);

accessing the database for information associated with the novelty index

value (100, col. 6, line 28);

computing the result using said information (100, col. 6, line 28).

Claim 2 recites, as disclosed by Golding:

2.   The method of claim 1, wherein the step of determining further

comprises determining the location of the wireless device by a global

positioning system detector ('100, col. 4, line 41).

Claim 5 recites, as disclosed by Golding:

5.   The method of claim 1, wherein the step of computing a

novelty index value further comprises computing a magnitude for the

novelty index value proportional to how novel it is for the wireless device

to occupy the location (100, col. 4, line 62, and 11).

Claim 6 recites, as disclosed by Golding:

6.   The method of claim 1, wherein the step of computing a

novelty index value further comprises computing a magnitude for the

novelty index value which increases as the duration of time since the

wireless device has occupied the location (100, col. 4, line 62, and 11).

Claim 7 recites, as disclosed by Golding:

7.   The method of claim 1, wherein the step of computing a

novelty index value further comprises computing a magnitude for the

novelty index value which decreases when the wireless device occupies

the location ('100, col. 5, line 29, value decreases as cars move through a location more quickly).

Claim 8 recites, as disclosed by Golding:

8.   The method of claim 1, wherein the step of computing a novelty index value further comprises computing in the wireless device ('100, fig. 1, time computed in 1).

Claim 9 recites, as disclosed by Golding:

9.   The method of claim 1, wherein the step of computing a novelty index value further comprises computing in a separate server coupled to the wireless device ('100, col. 6, line 1).

Claim 10 recites, as disclosed by Golding:

10.   The method of claim 1, wherein the step of storing further comprises storing in the wireless device ('100, fig. 1, database retrieval procedure stores in 1).

Claim 11 recites, as disclosed by Golding:

11.   The method of claim 1, wherein the step of storing further comprises storing in a separate server coupled to the wireless device ('100, 2).

Claim 12 recites, as disclosed by Golding:

12.   The method of claim 1, wherein the step of running a program further comprises running the program in the wireless device ('100, col. 4, line 42, program on "processor").

Claim 13 recites, as disclosed by Golding:

13.   The method of claim 1, wherein the step of running a

program further comprises running the program in a separate server

coupled to the wireless device ('100, 2, "central database").

Claim 17 recites, as disclosed by Golding:

17.   The method of claim 1, wherein the step of accessing a

database further comprises accessing a location corresponding to a

requested range of novelty index values ('100, col. 6, line 42).

Claim 18 recites, as disclosed by Golding:

18.   The method of claim 1, wherein the step of accessing a database

further comprises accessing a novelty index value corresponding to a

requested range of location values ('100, col. 6, line 28).

Claim 19 recites, as disclosed by Golding:

19.   The method of claim 1, wherein the step of computing the

result further comprises computing the result in the wireless device ('100,

fig. 1).

Claim 20 recites, as disclosed by Golding:

20.   The method of claim 1, wherein the step of computing the result

further comprises computing the result in a separate server coupled to the

wireless device ('100, col. 6, line 49).

Claim 25 recites, as disclosed by Golding:

25.   The method of claim 1, wherein the step of running a

program further comprises determining a result for an online travel

program ('100, col. 6, line 28).

Claim 35 recites, as disclosed by Golding:

35.   A system for computing a result for a location, the result

depending on how novel it is for

    a wireless device to occupy the location, comprising:

        a processor ('100, col. 4, line 42);

        a memory coupled to the processor, programmed to perform

the steps of

        determining the location of a wireless device ('100, col. 4,

line 40);

        computing a novelty index value for the location, the novelty

index value characterizing how novel it is for the wireless device to occupy

the determined location ('100, 11);

        storing the novelty index value in a database ('100, col. 5,

line 5);

        running a program to determine a result that depends on the

novelty index value ('100, col. 5, line 29);

        accessing the database for information associated with the

novelty index value ('100, col. 6, line 28); and

computing the result using said information ('100, col. 6, line

39).

Claim 36 recites, as disclosed by Golding:

36.   The system of claim 35, which further comprises said

processor being in the wireless device ('100, fig. 1, time computed in 1

and col. 4, line 42).   ·

Claim 37 recites, as disclosed by Golding:

37.   A system for computing a result for a location, the result depending

on how novel it is for a wireless device to occupy the location, comprising:

a sensor in a wireless device for determining the location of a wireless

device ('100, col. 4, line 40); a processor ('100, col. 4, line 42);

a memory coupled to the sensor and to the processor, programmed to

perform the steps of computing a novelty index value for the location, the

novelty index value characterizing how novel it is for the wireless device to

occupy the determined location ('100, 11); storing the novelty index value

in a database ('100, col. 5, line 5); running a program to determine a result

that depends on the novelty index value ('100, col. 5, line 29); accessing

the database for information associated with the novelty index value ('100,

col. 6, line 28); and computing the result using said information ('100, col.

6, line 39).   .

Claim 38 recites, as disclosed by Golding:

38.   The system of claim 37, which further comprises said processor being in the wireless device ('100, fig. 1, time computed in 1 and col. 4, line 42).

Claim 39 recites, as disclosed by Golding:

39.   The system of claim 37, which further comprises said processor being in a separate server coupled to the wireless device ('100, col. 6, line 1).

Claim 40 recites, as disclosed by Golding:

40.   A system for computing a result for a location, the result depending on how novel   it is for a wireless device to occupy the location, comprising:

a sensor in a wireless device for determining the location of a wireless device ('100, col. 4, line 40);

a processor in a separate server coupled to the wireless device, the processor

computing a novelty index value for the location, the novelty index value characterizing how novel it is for the wireless device to occupy the determined location ('100, col. 5, line 29);

a database coupled to the processor, for storing the novelty index value ('100, 20);

a processor in the wireless device, running a program to determine a result that depends on the novelty index value ('100, col. 6, line 39); and

said processor in the wireless device accessing the database for information associated with the novelty index value and computing the result using said information ('100, col. 6, line 39).

Claim 41 recites, as disclosed by Golding:

41.   The system of claim 40, wherein the processor in the server computes a novelty index value which is proportional to how novel it is for the wireless device to occupy the location (100, col. 4, line 62, and 11).

Claim 42 recites, as disclosed by Golding:

42.   The system of claim 41, wherein the processor in the wireless device accesses a location corresponding to a requested range of novelty index values ('100, col. 6, line 42).

Claim 43 recites, as disclosed by Golding:

43.   The system of claim 41, wherein the processor in the wireless device accesses a novelty   index value corresponding to a requested range of location values ('100, col. 6, line 28).

Claim 45 recites, as disclosed by Golding:

45.   A method to enable a wireless device to provide recommendations to its user that are appropriate to the device's current environment, comprising:

receiving sensor signals characterizing a current

environment of the wireless device (100, col. 4, line 40, and 10);

processing the sensor signals with a context inference

engine ('100, 10);

outputting a current context result from the processing by the

context inference engine ('100, output of 10);

computing a novelty index value for the current context

result, the novelty index value characterizing how novel it is for the

wireless device to occupy the current context (100, col. 4, line 62, and 11);

storing the novelty index value in a database (100, col. 5,

line 5);

running a program to determine a result that depends on the

novelty index value (100, col. 6, line 28);

accessing the database for information associated with the

novelty index value (100, col. 6, line 28);

and

computing the result using said information (100, col. 6, line

28).

Claim 46 recites, as disclosed by Golding:

46.   The method of claim 45, wherein the processing of the

sensor signals with the context inference engine is embodied as

programmed instructions executed within the user's wireless device ('100,

fig. 1, time at location computed in 1 and col. 4, line 42).

Claim 47 recites, as disclosed by Golding:

> 47.   The method of claim 45, wherein the processing of the
>
> sensor signals with the context inference engine is embodied as
>
> programmed instructions executed within a separate network server in
>
> response to signals from the user's wireless device ('100, col. 6, line 1).

Claim 48 recites, as disclosed by Golding:

> 48.   The method of claim 45, wherein the sensor signals are selected
>
> from the group consisting of positioning signals ('100, col. 4, line 41),
>
> touch signals, audio signals, compass signals, ambient light signals,
>
> ambient temperature signals, three-axis acceleration signals, time signals,
>
> and the device's operational mode signals.

Claim 49 recites, as disclosed by Golding:

> 49.   The method of claim 45, wherein the step of accessing a database
>
> further comprises accessing a context value corresponding to a requested
>
> range of novelty index values ('100, col. 6, line 42).

Claim 50 recites, as disclosed by Golding:

> 50.   The method of claim 45, wherein the step of accessing a database
>
> further comprises accessing a novelty index value corresponding to a
>
> requested range of context values ('100, col. 6, line 28).

Claim 51 recites, as disclosed by Golding:

51.   A method to enable a wireless device to provide

recommendations to its user that are appropriate to the device's current

environment, comprising:

        providing sensor signals characterizing a current

environment of the wireless device (100, col. 4, line 40, and 10);

        processing the sensor signals and providing a current

context result ('100, output of 10);

        computing a novelty index value for the current context, the

novelty index value characterizing how novel it is for the wireless device to

occupy the current context (100, col. 4, line 62, and 11);

        storing recommendations associated the novelty index value

(100, col. 6, line 28); and

        accessing the database for recommendations associated

with the novelty index value (100, col. 6, line 28).

Claim 52 recites, as disclosed by Golding:

52.   A system to provide recommendations to its user that are

correlated to a wireless device's current environment, comprising:

        a sensor for providing sensor signals characterizing a

current environment of the wireless device (100, col. 4, line 40, and 10);

        a context inference engine coupled to the sensor, for

processing the sensor signals and providing a current context result (100,

col. 4, line 40, and 10);

a processor coupled to the context inference engine, for computing a novelty index value for the current context, the novelty index value characterizing how novel it is for the wireless device to occupy the current context (100, col. 4, line 62, and 11);

a database coupled to the processor, for storing recommendations associated the novelty index value ('100, 20); and

said processor accessing the database for recommendations associated with the novelty index value (100, col. 6, line 28).

Claim 53 recites, as disclosed by Golding:

53.   The system of claim 52, which further comprises said processor being in a separate server from the wireless device ('100, col. 6, line 1), for computing a novelty index value which is proportional to how novel it is for the wireless device to occupy the current context (100, col. 4, line 62, and 11).

Claim 54 recites, as disclosed by Golding:

54.   The system of claim 53, which further comprises a processor in the wireless device, for accessing the database with a context value corresponding to a requested range of novelty index values ('100, col. 6, line 28).

Claim 55 recites, as disclosed by Golding:

55.   The system of claim 53, which further comprises a processor

in the wireless device, for accessing a novelty index value corresponding

to a requested range of context values ('100, col. 6, line 42).

Claim 56 recites, as disclosed by Golding:

56.   The system of claim 52, wherein the sensor signals are

selected from the group consisting of positioning signals ('100, col. 4, line

41), touch signals, audio signals, compass signals, ambient light

   signals, ambient temperature signals, three-axis acceleration

signals, time signals, and the device's operational mode signals.

Claim 65 recites, as disclosed by Golding:

65.   A method for computing a result for a location, the result

depending on how novel it is for a wireless device to occupy the location,

comprising:

   determining the location of a wireless device;

   computing a novelty index value for the location, the novelty

index value characterizing how novel it is for the wireless device to occupy

the determined location (100, col. 4, line 40, and 10);

   storing the novelty index value in a database (100, col. 5,

line 5);

   running a program in a second terminal to determine a result

that depends on the novelty index value ('100, col. 5, line 29);

accessing with the second terminal the database for

information associated with the novelty index value (100, col. 6, line 28);

and

computing the result using said information (100, col. 6, line

28).

Claim 66 recites, as disclosed by Golding:

66.   The method of claim 65, wherein the step of determining

further comprises determining the location of the wireless device by a

global positioning system detector ('100, col. 4, line 41).

Claim 69 recites, as disclosed by Golding:

69.   The method of claim 65, wherein the step of computing a

novelty index value further comprises computing a magnitude for the

novelty index value proportional to how novel it is for the wireless device

to occupy the location (100, col. 4, line 62, and 11).

Claim 70 recites, as disclosed by Golding:

70.   The method of claim 65, wherein the step of computing a

novelty index value further comprises computing a magnitude for the

novelty index value which increases as the duration of time since the

wireless device has occupied the location (100, col. 4, line 62, and 11).

Claim 71 recites, as disclosed by Golding:

71.   The method of claim 65, wherein the step of computing a

novelty index value further comprises computing a magnitude for the

novelty index value which decreases when the wireless device occupies the location ('100, col. 5, line 29, value decreases as cars move through a location more quickly).

Claim 72 recites, as disclosed by Golding:

72.   The method of claim 65, wherein the step of computing a novelty index value further comprises computing in the wireless device ('100, fig. 1, time computed in 1).

Claim 73 recites, as disclosed by Golding:

73.   The method of claim 65, wherein the step of computing a novelty index value further comprises computing in a separate server coupled to the wireless device ('100, col. 6, line 1).

Claim 74 recites, as disclosed by Golding:

74.   The method of claim 65, wherein the step of storing further comprises storing in the wireless device ('100, fig. 1, database retrieval procedure stores in 1).

Claim 75 recites, as disclosed by Golding:

75.   The method of claim 65, wherein the step of storing further comprises storing in a separate server coupled to the wireless device ('100, 2).

Claim 76 recites, as disclosed by Golding:

76.   The method of claim 65, wherein the step of running a program in a second terminal further comprises running a program in a second wireless device ('100, 2 and col. 5, line 5).

Claim 77 recites, as disclosed by Golding:

77.   The method of claim 65, wherein the step of running a program in a second terminal further comprises running the program in a separate server coupled to the wireless device ('100, 2).

Claim 81 recites, as disclosed by Golding:

81.   The method of claim 65, wherein the step of accessing with the second terminal a database further comprises accessing with the second terminal a location corresponding to a requested range of novelty index values ('100, col. 6, line 42).

Claim 82 recites, as disclosed by Golding:

82.   The method of claim 65, wherein the step of accessing with the second terminal a database further comprises accessing with the second terminal a novelty index value corresponding to a requested range of location values ('100, col. 6, line 28).

Claim 83 recites, as disclosed by Golding:

83.   The method of claim 65, wherein the step of computing the result further comprises computing the result in the second terminal ('100, fig. 1).

Claim 84 recites, as disclosed by Golding:

84.   The method of claim 65, wherein the step of computing the result further comprises computing the result in a separate server coupled to the wireless device ('100, col. 6, line 49).

Claim 89 recites, as disclosed by Golding:

89.   The method of claim 65, wherein the step of running a program in a second terminal further comprises determining a result for an online travel program in a second terminal ('100, col. 6, line 28).

Claim 99 recites, as disclosed by Golding:

99. A system for computing a result for a location, the result depending on how novel it is for a wireless device to occupy the location, comprising: a sensor in a wireless device, for determining the location of the wireless device (100, col. 4, line 40, and 10); a server coupled to the wireless device, for computing a novelty index value for the location, the novelty index value characterizing how novel it is for the wireless device to occupy the determined location ('100, col. 5,line 29); a database coupled to the · server, for storing the novelty index value ('100, 20); a second terminal programmed to determine a result that depends on the novelty index value; and the second terminal accessing the database for information associated with the novelty index value and computing the result using said information ('100, col. 5, line 5 discloses "all the vehicles", thereby disclosing multiple systems described as 1 in fig. 1).

Claim 100 recites, as disclosed by Golding:

100.   A system of claim 99, which further comprises said second terminal

being a second wireless device ('100, 2 and col. 5, line 5).

Claim 101 recites, as disclosed by Golding:

101. A system for computing a result for a location, the result depending

on how novel it is for a wireless device to occupy the location, comprising:

a sensor in a wireless device for determining the location of a wireless

device (100, col. 4, line 40, and 10); a first processor; a first memory

coupled to the sensor and to the first processor, programmed to perform

the steps of computing a novelty index value for the location, the novelty

index value characterizing how novel it is for the wireless device to occupy

the determined location (100, col. 4, line 62, and 11); storing the novelty

index value in a database (100, col. 5, line 5); a second processor; a

second memory coupled to the second processor, programmed to perform

the steps of determining a result that depends on the novelty index value

(100, col. 6, line 28); accessing the database for information associated

with the novelty index value (100, col. 6, line 28); and computing the result

using said information (100, col. 6, line 28).

Claim 102 recites, as disclosed by Golding:

102.   A system of claim 101, which further comprises said first processor

being in the wireless device ('100, fig. 1, time computed in 1 and col. 4,

line 42).

Claim 103 recites, as disclosed by Golding:

103.   A system of claim 101, which further comprises said second

processor being in a second wireless device ('100, 2 and col. 5, line 5).

Claim 104 recites, as disclosed by Golding:

104. A system for computing a result for a location, the result depending

on how novel it is for a wireless device to occupy the location, comprising:

a sensor in a wireless device for determining the location of a wireless

device (100, col. 4, line 40, and 10); a first processor in a separate server

coupled to the wireless device, the first processor computing a novelty

index value for the location, the novelty index value characterizing how

novel it is for the wireless device to occupy the determined location ('100,

col. 5, line 29); a database coupled to the first processor, for storing the

novelty index value ('100, 20); a second processor in a second terminal,

running a program to determine a result that depends on the novelty index

value ; and said second processor accessing the database for information

associated with the novelty index value and computing the result using

said information (100, col. 6, line 28).

Claim 105 recites, as disclosed by Golding:

105.   The system of claim 104, wherein the first processor in the server

computes a novelty index value which is proportional to how novel it is for

the wireless device to occupy the location (100, col. 4, line 62, and 11).

Claim 106 recites, as disclosed by Golding:

106. The system of claim 105, wherein the second processor in the second terminal accesses a location corresponding to a requested range of novelty index values ('100, col. 6, line 42).

Claim 107 recites, as disclosed by Golding:

107. The system of claim 105, wherein the second processor in the second terminal accesses a novelty index value corresponding to a requested range of location values ('100, col. 6, line 28).

Claim 109 recites, as disclosed by Golding:

109. A method to provide recommendations that are appropriate to a wireless device's environment, comprising:

receiving sensor signals characterizing an environment of the wireless device (100, col. 4, line 40, and 10); processing the sensor signals with a context inference engine (100, 10); outputting a context result from the processing by the context inference engine ('100, output of 10); computing a novelty index value for the context result, the novelty index value characterizing how novel it is for the wireless device to occupy the context (100, col. 4, line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5); running a program in a second terminal to determine a result that depends on the novelty index value; accessing with the second terminal the database for information associated with the novelty index value; and computing the result using said information (100, col. 6, line 28).

Claim 110 recites, as disclosed by Golding:

> 110.   The method of claim 109, wherein the processing of the sensor signals with a context inference engine is embodied as programmed instructions executed within the wireless device ('100, fig. 1, time at location computed in 1 and col. 4, line 42).

Claim 111 recites, as disclosed by Golding:

> 111.   The method of claim 109, wherein the processing of the sensor signals with a context inference engine is embodied as programmed instructions executed within a separate network server in response to signals from the wireless device ('100, fig. 1, time at location computed in 1 and refined in 2).

Claim 112 recites, as disclosed by Golding:

> 112.   The method of claim 109, wherein the sensor signals are selected from the group consisting of positioning signals ('100, col. 4, line 41), touch signals, audio signals, compass signals, ambient light signals, ambient temperature signals, three-axis acceleration signals, time signals, and the device's operational mode signals.

Claim 113 recites, as disclosed by Golding:

> 113.   The method of claim 109, wherein the step of accessing with the second terminal a database further comprises accessing with the second terminal a context value corresponding to a requested range of novelty index values ('100, col. 6, line 42).

Claim 114 recites, as disclosed by Golding:

> 114.   The method of claim 109, wherein the step of accessing with the
> second terminal a database further comprises accessing with the second
> terminal a novelty index value corresponding to a requested range of
> context values ('100, col. 6, line 42).

Claim 115 recites, as disclosed by Golding:

> 115. A method to provide recommendations that are appropriate for a
> wireless device's environment, comprising: providing sensor signals
> characterizing a current environment of the wireless device (100, col. 4,
> line 40, and 10); processing the sensor signals and providing a current
> context result (100, 10); computing a novelty index value for the current
> context, the novelty index value characterizing how novel it is for the
> wireless device to occupy the current context (100, col. 4, line 62, and 11);
> storing recommendations associated the novelty index value; and
> accessing with the second terminal the database for recommendations
> associated with the novelty index value (100, col. 6, line 28).

Claim 116 recites, as disclosed by Golding:

> 116. A system to provide recommendations that are appropriate for a
> wireless device's current environment, comprising: a sensor for providing
> sensor signals characterizing a current environment of the wireless device
> (100, col. 4, line 40, and 10); a context inference engine coupled to the
> sensor, for processing the sensor signals and providing a current context

result (100, 10); a processor coupled to the context inference engine, for

computing a novelty index value for the current context, the novelty index

value characterizing how novel it is for the wireless device to occupy the

current context (100, col. 4, line 62, and 11); a database coupled to the

processor, for storing recommendations associated the novelty index

value; and a second terminal accessing the database for

recommendations associated with the novelty index value (100, col. 6, line

28).

Claim 117 recites, as disclosed by Golding:

117.   The system of claim 116, which further comprises said processor

being in a separate server from the wireless device, for computing a

novelty index value which is proportional to how novel it is for the wireless

device to occupy the current context (100, col. 4, line 62, and 11).

Claim 118 recites, as disclosed by Golding:

118.   The system of claim 117, which further comprises a second

processor in the second terminal, for accessing the database with a

context value corresponding to a requested range of novelty index values

('100, col. 6, line 28).

Claim 119 recites, as disclosed by Golding:

119.   The system of claim 117, which further comprises a second

processor in the second terminal, for accessing the database with a

novelty index value corresponding to a requested range of context values

('100, col. 6, line 28).

Claim 120 recites, as disclosed by Golding:

> 120. The system of claim 116, wherein the sensor signals are selected
>
> from the group consisting of positioning signals ('100, col. 4, line 41),
>
> touch signals, audio signals, compass signals, ambient light signals,
>
> ambient temperature signals, three-axis acceleration signals, time signals,
>
> and the device's operational mode signals.

Claim 129 recites, as disclosed by Golding:

> 129. A method for changing a wireless device configuration for a location,
>
> the configuration depending on how novel it is for the wireless device to
>
> occupy the location, comprising: determining the location of a wireless
>
> device (100, col. 4, line 40, and 10); computing a novelty index value for
>
> the location, the novelty index value characterizing how novel it is for the
>
> wireless device to occupy the determined location (100, col. 4, line 62, and
>
> 11); storing the novelty index value in a database; running a program to
>
> determine a result that depends on the novelty index value; accessing the
>
> database for information associated with the novelty index value; and
>
> changing a configuration of the wireless device using said information
>
> (100, col. 6, line 28, changes recommended route based on sensor data).

Claim 130 recites, as disclosed by Golding:

130.   The method of claim 129, wherein the step of determining further comprises determining the location of the wireless device by a global positioning system detector ('100, col. 4, line 41).

Claim 133 recites, as disclosed by Golding:

133.   The method of claim 129, wherein the step of computing a novelty index value further comprises computing a magnitude for the novelty index value proportional to how novel it is for the wireless device to occupy the location (100, col. 4, line 62, and 11).

Claim 134 recites, as disclosed by Golding:

134.   The method of claim 129, wherein the step of computing a novelty index value further comprises computing a magnitude for the novelty index value which increases as the duration of time since the wireless device has occupied the location (100, col. 4, line 62, and 11).

Claim 135 recites, as disclosed by Golding:

135.   The method of claim 129, wherein the step of computing a novelty index value further comprises computing a magnitude for the novelty index value which decreases when the wireless device occupies the location ('100, col. 5, line 29, value decreases as cars move through a location more quickly).

Claim 136 recites, as disclosed by Golding:

136.   The method of claim 129, wherein the step of computing a novelty index value further comprises computing in the wireless device ('100, fig. 1, time computed in 1).

Claim 137 recites, as disclosed by Golding:

137.   The method of claim 129, wherein the step of computing a novelty index value further comprises computing in a separate server coupled to the wireless device ('100, col. 6, line 1).

Claim 138 recites, as disclosed by Golding:

138.   The method of claim 129, wherein the step of storing further comprises storing in the wireless device ('100, fig. 1, database retrieval procedure stores in 1).

Claim 139 recites, as disclosed by Golding:

139.   The method of claim 129, wherein the step of storing further comprises storing in a separate server coupled to the wireless device ('100, fig. 1, database retrieval procedure stores in 1).

Claim 141 recites, as disclosed by Golding:

141.   The method of claim 129, wherein the step of running a program further comprises running the program in a separate server coupled to the wireless device ('100, 2).

Claim 142 recites, as disclosed by Golding:

142.   The method of claim 129, wherein the step of changing a configuration of the wireless device further comprises changing the

configuration immediately upon detecting a predetermined change in

location of the device ('100, col. 4, line 46).

Claim 143 recites, as disclosed by Golding:

143.   The method of claim 129, wherein the step of changing a

configuration of the wireless device further comprises changing the

configuration after a predetermined interval following detecting a

predetermined change in location of the device ('100, col. 4, line 62).

Claim 145 recites, as disclosed by Golding:

145.   The method of claim 129, wherein the step of changing a

configuration of the wireless device further comprises changing the

appearance of the user interface of the device ('100, col. 4, line 62).

Claim 149 recites, as disclosed by Golding:

149. A system for changing a wireless device configuration for a location,

the configuration depending on how novel it is for a wireless device to

occupy the location, comprising: a sensor in a wireless device, for

determining the location of the wireless device (100, col. 4, line 40, and

10); a server coupled to the wireless device, for computing a novelty index

value for the location, the novelty index value characterizing how novel it

is for the wireless device to occupy the determined location (100, col. 6,

line 28); a database coupled to the server, for storing the novelty index

value (100, col. 5, line 5); a second terminal programmed to determine a

result that depends on the novelty index value; the second terminal

accessing the database for information associated with the novelty index

value and computing the result using said information; and said wireless

device changing its configuration using said result received from said

second terminal (100, col. 6, line 28).

Claim 150 recites, as disclosed by Golding:

> 150.   A system of claim 149, which further comprises said second
>
> terminal being a second wireless device ('100, 2 and col. 5, line 5).

Claim 151 recites, as disclosed by Golding:

> 151. A system for changing a wireless device configuration for a location,
>
> the configuration depending on how novel it is for a wireless device to
>
> occupy the location, comprising: a sensor in a wireless device for
>
> determining the location of a wireless device (100, col. 4, line 40, and 10);
>
> a first processor in a separate server coupled to the wireless device, the
>
> first processor computing a novelty index value for the location, the
>
> novelty index value characterizing how novel it is for the wireless device to
>
> occupy the determined location (100, col. 6, line 28); a database coupled
>
> to the first processor, for storing the novelty index value ('100, 20); a
>
> second processor in a second terminal, running a program to determine a
>
> result that depends on the novelty index value;
>
> said second processor accessing the database for information associated
>
> with the novelty index value and computing the result using said
>
> information; and said wireless device changing its configuration using said

result received from said second terminal (100, col. 6, line 28 and col. 5, line 5).

Claim 152 recites, as disclosed by Golding:

152.   The system of claim 151, wherein the first processor in the server computes a novelty index value which is proportional to how novel it is for the wireless device to occupy the location (100, col. 4, line 62, and 11).

Claim 153 recites, as disclosed by Golding:

153.   The system of claim 151, wherein the second processor in the second terminal accesses a location corresponding to a requested range of novelty index values ('100, col. 6, line 42).

Claim 154 recites, as disclosed by Golding:

154.   The system of claim 151, wherein the second processor in the second terminal accesses a novelty index value corresponding to a requested range of location values ('100, col. 6, line 42).

Claim 156 recites, as disclosed by Golding:

156. A method to for changing a wireless device configuration depending on how novel it is for a wireless device to occupy an environment, comprising: receiving sensor signals characterizing an environment of the wireless device (100, col. 4, line 40, and 10); processing the sensor signals with a context inference engine; outputting a context result from the processing by the context inference engine (100, col. 4, line 40, and output of 10); computing a novelty index value for the context result, the

novelty index value characterizing how novel it is for the wireless device to

occupy the context (100, col. 4, line 62, and 11); storing the novelty index

value in a database (100, col. 5, line 5); running a program in a second

terminal to determine a result that depends on the novelty index value;

accessing with the second terminal the database for information

associated with the novelty index value; and changing a configuration of

the wireless device using said information received from said second

terminal (100, col. 6, line 28).

Claim 157 recites, as disclosed by Golding:

> 157.   The method of claim 156, wherein the processing of the sensor
>
> signals with the context inference engine is embodied as programmed
>
> instructions executed within the wireless device ('100, col. 4, line 42).

Claim 158 recites, as disclosed by Golding:

> 158.   The method of claim 156, wherein the processing of the sensor
>
> signals with the context inference engine is embodied as programmed
>
> instructions executed within a separate network server in response to
>
> signals from the wireless device ('100, 2).

Claim 159 recites, as disclosed by Golding:

> 159.   The method of claim 156, wherein the sensor signals are selected
>
> from the group consisting of positioning signals ('100, col. 4, line 41),
>
> touch signals, audio signals, compass signals, ambient light signals,

ambient temperature signals, three-axis acceleration signals, time signals, and the device's operational mode signals.

Claim 160 recites, as disclosed by Golding:

160.   The method of claim 156, wherein the step of accessing with the second terminal a database further comprises accessing with the second terminal a context value corresponding to a requested range of novelty index values ('100, col. 6, line 42).

Claim 161 recites, as disclosed by Golding:

161.   The method of claim 156, wherein the step of accessing with the second terminal a database further comprises accessing with the second terminal a novelty index value corresponding to a requested range of context values ('100, col. 6, line 42).

Claim 162 recites, as disclosed by Golding:

162. A method for changing a wireless device configuration depending on how novel it is for a wireless device to occupy an environment, comprising: providing sensor signals characterizing a current environment of the wireless device; processing the sensor signals and providing a current context result device (100, col. 4, line 40, and 10); computing a novelty index value for the current context, the novelty index value characterizing how novel it is for the wireless device to occupy the current context (100, col. 4, line 62, and 11); storing information associated the novelty index value (100, col. 5, line 5); accessing the database for

information associated with the novelty index value; and changing a

configuration of the wireless device using said accessed information (100,

col. 6, line 28).

Claim 163 recites, as disclosed by Golding:

163. A system for changing a wireless device configuration depending on

how novel it is for a wireless device to occupy an environment,

comprising: a sensor for providing sensor signals characterizing a current

environment of the wireless device (100, col. 4, line 40, and 10); a context

inference engine coupled to the sensor, for processing the sensor signals

and providing a current context result; a processor coupled to the context

inference engine (100, 10), for computing a novelty index value for the

current context, the novelty index value characterizing how novel it is for

the wireless device to occupy the current context (100, col. 4, line 62, and

11); a database coupled to the processor, for storing recommendations

associated the novelty index value; and a second terminal accessing the

database for recommendations associated with the novelty index value

and said wireless device changing a configuration using said

recommendations received from said second terminal (100, col. 6, line

28).

Claim 164 recites, as disclosed by Golding:

164.   The system of claim 163, which further comprises said processor

being in a separate server from the wireless device, for computing a

· novelty index value which is proportional to how novel it is for the wireless

device to occupy the current context (100, col. 4, line 62, and 11).

Claim 165 recites, as disclosed by Golding:

165. The system of claim 163, which further comprises a second

processor in the second terminal, for accessing the database with a

context value corresponding to a requested range of novelty index values

('100, col. 6, line 42).

Claim 166 recites, as disclosed by Golding:

166. The system of claim 163, which further comprises a second

processor in the second terminal, for accessing the database with a

novelty index value corresponding to a requested range of context values

('100, col. 6, line 42).

Claim 167 recites, as disclosed by Golding:

167. The system of claim 163, wherein the sensor signals are selected

from the group consisting of positioning signals ('100, col. 4, line 41),

touch signals, audio signals, compass signals, ambient light signals,

ambient temperature signals, three-axis acceleration signals, time signals,

and the device's operational mode signals.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 3, 67, and 131 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5,933,100 to Golding in view of U.S. Patent 5,155,689 to Wortham.

The claims recite, as disclosed by Golding ('100) determining the location of a wireless device (100, col. 4, line 40, and 10); computing a value characterizing how novel it is for the wireless device to occupy the determined location/context (100, col. 4, line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5); running a program to determine a result that depends on the novelty index value (100, col. 6, line 28); accessing a database for information associated with the novelty index value (100, col. 6, line 28); and computing the result using said information (100, col. 6, line 28).

Golding does not disclose location finding using triangulation of mobile phone base stations.

The claim further recites using triangulation of mobile phone base stations, as disclosed by Wortham ('689, col. 8, line 67).

Thus it would have been obvious to one of ordinary skill in the art to use triangulation location in the invention of Golding to allow locating without the need for systems and equipment limited only to vehicle tracking ('689, col. 9, line 6).

Claim 4, 68, and 132 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5,933,100 to Golding in view of U.S. Patent 6,327, 535 to Evans et al.

The claims recite, as disclosed by Golding ('100) determining the location of a wireless device (100, col. 4, line 40, and 10); computing a value characterizing how novel it is for the wireless device to occupy the determined location/context (100, col. 4, line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5); running a program to determine a result that depends on the novelty index value (100, col. 6, line 28); accessing a database for information associated with the novelty index value (100, col. 6, line 28); and computing the result using said information (100, col. 6, line 28).

Golding does not disclose location finding using Bluetooth.
The claim further recites locating by proximaty to a <u>Bluetooth</u> device, as disclosed by Evans ('535, col. 5, line 17).

Thus it would have been obvious to one of ordinary skill in the art to substitute Bluetooth location in the invention of Golding as an art recognized equivilent known for the same purpose ('535, col. 5, line 17).

Claim 14 and 78 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5,933,100 to Golding in view of U.S. Patent 5,559,312 to Lucero.

The claims recite, as disclosed by Golding ('100) determining the location of a wireless device (100, col. 4, line 40, and 10); computing a value characterizing how novel it is for the wireless device to occupy the determined location/context (100, col. 4,

line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5);

running a program to determine a result that depends on the novelty index value (100,

col. 6, line 28); accessing a database for information associated with the novelty index

value (100, col. 6, line 28); and computing the result using said information (100, col. 6,

line 28).

Golding does not disclose using games.

Lucero discloses calculating game results ('312, col. 9, line 7).

Thus it would have been obvious to one of ordinary skill in the art at the time the

invention was made to calculate game results with the device of Golding to allow games

to be played while a player is in motion ('312, col. 9, line 16).

Claims 15, 21, 34, 79, 85, and 98 are rejected under 35 U.S.C. 103(a) as being

unpatentable over U.S. Patent 5,933,100 to Golding in view of U.S. Patent 6,736,727 to

Doi et al.

The claims recite, as disclosed by Golding ('100) determining the location of a

wireless device (100, col. 4, line 40, and 10); computing a value characterizing how

novel it is for the wireless device to occupy the determined location/context (100, col. 4,

line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5);

running a program to determine a result that depends on the novelty index value (100,

col. 6, line 28); accessing a database for information associated with the novelty index

value (100, col. 6, line 28); and computing the result using said information (100, col. 6,

line 28).

Golding does not disclose determining a result for a shopping discount program, e-commerce program or providing entertainment services.

Doi discloses determining a result for a shopping discount program ('727, col. 14, line 9), providing e-commerce ('727, col. 14, line 9) and entertainment services ('727, col. 5, line 67) in a wireless device.

Thus it would have been obvious to one of ordinary skill in the art at the time the invention was made to determine a result for a shopping discount program, and provide e-commerce and entertainment services in a wireless device with the device of Golding to promote outgoing for a user of the device ('727, col. 1, line 16).

Claims 16 and 80 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5,933,100 to Golding in view of U.S. Patent 5,485,163 to Singer et al.

The claims recite, as disclosed by Golding ('100) determining the location of a wireless device (100, col. 4, line 40, and 10); computing a value characterizing how novel it is for the wireless device to occupy the determined location/context (100, col. 4, line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5); running a program to determine a result that depends on the novelty index value (100, col. 6, line 28); accessing a database for information associated with the novelty index value (100, col. 6, line 28); and computing the result using said information (100, col. 6, line 28).

Golding does not disclose determining a result for a lost child tracking program.

Singer discloses determining a result for a lost child tracking program in a wireless device ('163, col. 2, line 27).

Thus it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine determining a result for a lost child tracking program with the device of Golding to allow location without the intervention of emergency services ('163, col. 1, line 56).

Claims 22-24, 32, 86-88, and 96 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5,933,100 to Golding in view of U.S. Patent 6,181,935 to Grossman et al.

The claims recite, as disclosed by Golding ('100) determining the location of a wireless device (100, col. 4, line 40, and 10); computing a value characterizing how novel it is for the wireless device to occupy the determined location/context (100, col. 4, line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5); running a program to determine a result that depends on the novelty index value (100, col. 6, line 28); accessing a database for information associated with the novelty index value (100, col. 6, line 28); and computing the result using said information (100, col. 6, line 28).

Golding does not disclose providing sports results, stock quotes, weather or advertising in a wireless device.

Grossman discloses providing sports results ('935, col. 26, line 34), stock quotes ('935, col. 25, line 53), weather ('935, col. 24, line 34) or advertising ('935, col. 23, line 28) in a wireless device.

Thus it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine providing sports results, stock quotes, weather or advertising with the device of Golding to facilitate access to information sources based on contextual information, such as location ('935, col. 7, line 25).

Claims 26, 90 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5,933,100 to Golding in view of U.S. Patent 6,418,330 to Lee.

The claims recite, as disclosed by Golding ('100) determining the location of a wireless device (100, col. 4, line 40, and 10); computing a value characterizing how novel it is for the wireless device to occupy the determined location/context (100, col. 4, line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5); running a program to determine a result that depends on the novelty index value (100, col. 6, line 28); accessing a database for information associated with the novelty index value (100, col. 6, line 28); and computing the result using said information (100, col. 6, line 28).

Golding does not disclose downloading distinctive ringing tones.

Lee discloses downloading distinctive ringing tones in a wireless device ('330, col. 3, line 7).

Thus it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine downloading distinctive ringing tones with the device of Golding to facilitate allow a particular user to discriminate the sound of their phone when other phones are present ('330, col. 1, line 33).

Claims 27-30 and 91-94 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5,933,100 to Golding in view of U.S. Patent 6,133,853 to Obradovich et al.

The claims recite, as disclosed by Golding ('100) determining the location of a wireless device (100, col. 4, line 40, and 10); computing a value characterizing how novel it is for the wireless device to occupy the determined location/context (100, col. 4, line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5); running a program to determine a result that depends on the novelty index value (100, col. 6, line 28); accessing a database for information associated with the novelty index value (100, col. 6, line 28); and computing the result using said information (100, col. 6, line 28).

Golding does not disclose exchanging multimedia messages that combine text with photographic content, exchanging multimedia messages that combine text with image content, exchanging multimedia messages that combine text with voice clip content, and exchanging multimedia messages.

Obradovich discloses exchanging multimedia messages that combine text with photographic content ('853, col. 15, line 55), exchanging multimedia messages that

combine text with image content ('853, col. 15, line 55), exchanging multimedia

messages that combine text with voice clip content ('853, col. 15, line 55), and

exchanging multimedia messages ('853, col. 15, line 55).

Thus it would have been obvious to one of ordinary skill in the art at the time the

invention was made to combine exchanging multimedia messages that combine text

with photographic content, exchanging multimedia messages that combine text with

image content, exchanging multimedia messages that combine text with voice clip

content, and exchanging multimedia messages with the device of Golding to allow a

user to acces position dependent information based on location ('853, col. 1, line 58).

Claims 31, 33, 95 and 97 are rejected under 35 U.S.C. 103(a) as being

unpatentable over U.S. Patent 5,933,100 to Golding in view of U.S. Patent 5,696,906 to

Peters et al.

The claims recite, as disclosed by Golding ('100) determining the location of a

wireless device (100, col. 4, line 40, and 10); computing a value characterizing how

novel it is for the wireless device to occupy the determined location/context (100, col. 4,

line 62, and 11); storing the novelty index value in a database (100, col. 5, line 5);

running a program to determine a result that depends on the novelty index value (100,

col. 6, line 28); accessing a database for information associated with the novelty index

value (100, col. 6, line 28); and computing the result using said information (100, col. 6,

line 28).

Golding does not disclose paying bills online or conducting transaction services

from online merchants.

Peters discloses paying bills online ('906, col. 30, line 48) and conducting

transaction services from online merchants ('906, col. 30, line 48).

Thus it would have been obvious to one of ordinary skill in the art at the time the

invention was made to combine paying bills online and conducting transaction services

from online merchants with the device of Golding to allow the use of services on a pay-

for use basis ('906, col. 1, line 60).

Response to Arguments

Applicant's arguments filed 2-4-2005 regarding the 35 U.S.C. 112, second

paragraph rejection of claims 4, 68 and 132 have been fully considered but they are not

persuasive. Because the trade name "Bluetooth" is used as a claim limitation, the claims

do not comply with 35 U.S.C. 112, second paragraph (see MPEP 2173.05(u) and *Ex*

parte Simpson, 218 USPQ 1020 (Bd. App. 1982)).

Applicant's arguments filed 2-4-2005 regarding the prior art rejections of claims

1-43, 45-56, 65-107, 109-120, 129-139, 141-143, 145, 149-154, and 156-167 have

been fully considered but they are not persuasive. Applicant state that Golding does not

teach determining how novel it is for a wireless device to occupy a determined location;

however, this function is performed by timer 11 indicated in figure 1 which ouputs the

device is in a particular location, as disclosed at column 4, line 62.

Allowable Subject Matter

Claims 140, 144 and 146-148 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

Claim 140 recites, "wherein the step of changing a configuration of the wireless device further comprises changing mobile phone profile settings of the device". This feature in combination with the remaining claimed structure avoids the prior art of record.

Claim 144 recites, "wherein the step of changing a configuration of the wireless device further comprises changing the configuration after a dialog with the device's user following detecting a predetermined change in location of the device". This feature in combination with the remaining claimed structure avoids the prior art of record.

Claim 146 recites, "wherein the step of changing a configuration of the wireless device further comprises changing Internet browser settings of the device". This feature in combination with the remaining claimed structure avoids the prior art of record.

Claim 147 recites, "wherein the step of changing a configuration of the wireless device further comprises changing parameter settings predefined by the user of the device". This feature in combination with the remaining claimed structure avoids the prior art of record.

Claim 148 recites, "wherein the step of changing a configuration of the wireless device further comprises changing parameter settings predefined by a separate server coupled to the device". This feature in combination with the remaining claimed structure avoids the prior art of record.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen J. Cherry whose telephone number is (571) 272-2272. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on (571) 272-2269. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

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Business Center (EBC) at 866-217-9197 (toll-free).

SJC

MICHAEL NGHIEM
PRIMARY EXAMINER